

A study of socialization of children and student-age youth by the express diagnostics methods

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Abstract

The article reveals the research methodology and describes approaches to study psychological and pedagogical level of socialization of children and student-age youth in Russia using advanced technological equipment. The authors carry out the analysis of the conventional and up-to-date methods of psycho-pedagogical investigation through the express diagnostics. One of these methods consists in the application of the diagnostic game designers, their integrated effect on the human body, based on measurement of physical and biological processes. The article describes experience in application of contemporary equipment for diagnostics of the social qualities of the people, as well as application features of technical devices, in particular "AR-101", "AR-600", and "Jibo" programmable microcontrollers of android family, and variety of medical, sporting, and household electronic game designers in the activity of pupils, students and educators. The authors consider in detail the design methods, the results of scientific research, and the technology of using several game designers in the express diagnostics. Based on the data, obtained during the study, the authors assess the socialization level of the students of supplementary education institutions, tested at the children's recreation camp "Intelletto", pupils of "Children's University" and "Entertaining Physics" and "Junior Programmer" teenage associations, as well as undergraduate students specializing in pedagogy at the Elabuga Institute of Kazan Federal University (EI KFU).

<http://dx.doi.org/10.13005/bbra/1953>

Keywords

Diagnostic equipment, Educational institutions, Game designer, Professional training of the future teacher, Psychological-pedagogical diagnostics, Socialization of the person